Hawaii Department of Education Open Data
Metadata

For more information contact the Data Governance & Analysis Branch at DGA@notes.k12.hi.us or by phone at (808) 784-6060.

Contents

General Information

Datasets Included

The Department's Data Governance & Analysis (DGA) Branch developed datasets using data in the K12 Longitudinal Data System (LDS). Key metrics that had previously appeared in quarterly progress reports were the building blocks for the open data initiative. Aggregations and suppression rules have been applied to these datasets to protect individual students from being personally identified.

Metric	Aggregations	Suppression rules
Enrollment	By school, grade, and gender	Counts less than 10 are suppressed with "—".
	By school and ethnicity (Fed7 categories)	
	By complex and ethnicity (HI state categories)	
Average Daily Attendance	By school, grade, and gender	Percentages less than 5% or larger than 95% will show "<5%" or ">95%, respectively. Counts less than 10 are suppressed with "—".
	By school and ethnicity (Fed7 categories)	
	By complex and ethnicity (HI state categories)	
Chronic Absenteeism	By school, gender, and ethnicity (Fed7 categories)	If percentage is less than 5% or larger than 95%, it will show "<5%" or ">95%, respectively. If the number of students in the respective subgroup is less than 10, the percentage is suppressed with "--".
Behavior Offenses	By school and incident class	Counts less than 10 are suppressed with "—".
Course Marks	By school, gender, and core subject	Counts less than 10 are suppressed with "—".

Interpreting the Data

Unofficial Data: Data shared through the data request process in the Data Governance & Analysis Branch should be interpreted as UNOFFICIAL data and is subject to change. Data shared in these Open Data extracts should *not* be expected to align with official reports as there are particular business rules and other factors that impact calculations.

Active Students: Only students who were **active** (currently enrolled) as of the designated pull date in the file are included in the data. Students who withdrew before the data was pulled would not be included in the data. This also means that if the data set is filtered by a particular school and the student transferred out of that school prior to the pull date they would not be included. The options provided in the data request menu were selected as optimal pull dates to retrieve data from each data set – e.g. year-end assessment data should be pulled after the testing window has closed but *prior* to year-end-transitioning of students (which includes the movement of many students to other schools).

HIDOE schools: A list of HIDOE public schools is available on the HIDOE public portal (direct link). A list of Title I Schools is also available on the HIDOE public portal (direct link). Data for charter schools may be incomplete or not included in some of the extracts. The best way to get more information about charter schools is to reach out to the Hawaii State Charter School Commission. More information about HIDOE Charter Schools is available here.

Schools that are NOT included in the Open Data extracts include:

- Schools that are not part of the HIDOE school system (e.g. Private schools and District 61 schools)
- E-school
- Closed HIDOE schools (e.g. Liliuokalani Elementary School which closed in 2011)

Suppressed Values: In each dataset sensitively small counts or extreme percentages have been suppressed to protect the identity of individual students or small subgroups. In order to obtain more granular data or data aggregated by different dimensions, researchers must obtain approval. For more information about data requests, data sharing agreements, and research applications, visit our Research and Data Requests page.

Joining Datasets

This section will be developed over time as we get more feedback from those working with the data.

Requestors should be cautious about how they join (or whether or not they should even attempt to join) data sets. For example, if you are attempting to join two files that were pulled on different dates you should anticipate that the list of students included in each separate file will most likely not have a one-to-one correspondence.

In particular, users should be cautious about aggregating data that has been suppressed and values that are reported as percentages.

If you have any questions about how and whether or not it makes sense to join particular datasets, please contact the Data Governance & Analysis Branch at DGA@notes.k12.hi.us.

Other useful data sources:

- A list of HIDOE schools – as well some basic information about each school campus and administrative staff – is available here.
- For more specific information about Public Charter Schools, visit the State Public Charter School Commission (SPCSC) website.
- List of publicly available HIDOE data (link to PDF)
- College and Career Readiness Indicators (released by Hawaii P-20 Partnerships for Education)

To receive more granular student data or for different aggregations on the data, researchers will need to obtain approval. More information about data requests, data sharing agreements, and research applications can be found on HIDOE's Research and Data Request page.

Enrollment

There are three different aggregations provided for enrollment counts:

- By school, grade, and gender
- By school and ethnicity (Fed7 categories)
- By complex and ethnicity (HI state categories)

IMPORTANT: The enrollment counts in the Open Data extracts are *unofficial* and will not align perfectly with Official Enrollment Counts that are released every year. The state's official public school enrollment for each school year (as far back as 2004) are available online. Because other official reports that are released each year are also based on these official enrollment counts, the counts included in these Open Data extracts will not align perfectly with reports such as the School Status and Improvement Report (SSIR).

Enrollment by school, grade, and gender

This file will include the enrollment count for all active K-12 students in the specified school, grade, and gender. The enrollment count is as of a point in time (see the pull date field in the data). Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

A value of "Not Specified" means that the associated demographic field was not filled in or not available.

A value of "--" means that the count of students in this demographic category is less than 10.

Grade Level Codes:

94	Pre-K (Age 2)	05	Grade 5
93	Pre-K (Age 3)	06	Grade 6
92	Pre-K (Age 4)	07	Grade 7
91	Kindergarten	08	Grade 8
01	Grade 1	09	Grade 9
02	Grade 2	10	Grade 10
03	Grade 3	11	Grade 11
04	Grade 4	12	Grade 12
		13	Graduated
31	Out-of-grade level placement (SPED overage)		

Grade levels in red are not included in Open Data files.

Enrollment by school and ethnicity (Fed7 categories)

This file will include the enrollment count for all active K-12 students in the specified school and Fed7 ethnicity category. The enrollment count is as of a point in time (see the pull date field in the data). Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

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Enrollment by complex and ethnicity (HI State categories)

This file will include the enrollment count for all active K-12 students in the specified complex and HI State ethnicity category. These categories are more granular than the Fed7 categories. When school data is disaggregated by these HI state ethnicity categories, the group sizes tend to be quite small. This is why the data is instead aggregated by complex. The enrollment count is as of a point in time (see the pull date field in the data). Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

A value of "Not Specified" means that the associated demographic field was not filled in or not available. A value of "--" means that the count of students in this demographic category is less than 10

HIDOE Complex Areas

All Department schools are rolled into what's known as a Complex: A high school and the elementary and middle schools that feed into it. Anywhere from two to four Complexes are grouped into a Complex Area, which has its own Complex Area Superintendent (CAS) and support staff. The CAS reports to the Deputy Superintendent in the state office. View the Complex Area directory.

COMPLEX AREAS:

- Farrington-Kaiser-Kalani
- Kaimuki-McKinley-Roosevelt
- Aiea-Moanalua-Radford
- Leilehua-Mililani-Waialua
- Campbell-Kapolei
- Pearl City-Waipahu
- Nanakuli-Waianae
- Castle-Kahuku
- Kailua-Kalaheo
- Hilo-Waiakea
- Kau-Keaau-Pahoa
- Honokaa-Kealakehe-Kohala-Konawaena
- Baldwin-Kekaulike-Maui
- Hana-Lahainaluna-Lanai-Molokai
- Kapaa-Kauai-Waimea

Average Daily Attendance

General Information about Attendance

Related Hawaii Revised Statutes

- 302A – 411 Junior kindergarten and kindergarten program; establishment; attendance
- 302A – 1132 Attendance compulsory; exceptions
- 302A – 1134 Exclusion from school
- 302A – 1135 Penalty
- 302A – 1136 Enforcement
- 302A – 1144 Record of pupils; release from attendance

Recording Student Attendance

For elementary schools, refer to the definition of Absent. All secondary schools must record attendance *period by period* in their school's student information system. Below is the list of attendance codes used in the statewide student information system:

Absent – Excused
Absent – Unexcused
Authorized School Activity
Crisis Removed
In school suspension
Suspended
Tardy – Excused
Tardy – Unexcused
Truant
Chapter 19

Attendance by school, grade, and gender

This file will include the attendance rate for all active K-12 students in the specified school, grade, and gender. The attendance rate is calculated from the *start of the school year* to the pull date listed in the file. Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

A value of "Not Specified" means that the associated demographic field was not filled in or not available.

Suppression Rules:

- A value of "--" means that the count of students in this demographic category is less than 10.
- A value of "<2%" means that the percentage of total course marks for this category is less than 2%. A value of ">98%" means that the percentage of total course marks for this category is greater than 98%.

Attendance by school and ethnicity (Fed7 categories)

This file will include the attendance rate for all active K-12 students in the specified school and Fed7 ethnicity categories. The attendance rate is calculated from the *start of the school year* to the pull date listed in the file. Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

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Attendance by complex and ethnicity (HI State categories)

This file will include the attendance rates for all active K-12 students in the specified complex and HI State ethnicity category. These categories are more granular than the Fed7 categories. When school data is disaggregated by these HI state ethnicity categories, the group sizes tend to be quite small. This is why the data is instead aggregated by complex. The attendance rate is calculated from the *start of the school year* to the pull date listed in the file. Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

A value of "Not Specified" means that the associated demographic field was not filled in or not available.

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- Campbell-Kapolei
- Pearl City-Waipahu

- [Nanakuli-Waianae](#)
- [Castle-Kahuku](#)
- [Kailua-Kalaheo](#)
- [Hilo-Waiakea](#)
- [Kau-Keaau-Pahoa](#)
- [Honokaa-Kealakehe-Kohala-Konawaena](#)
- [Baldwin-Kekaulike-Maui](#)
- [Hana-Lahainaluna-Lanai-Molokai](#)
- [Kapaa-Kauai-Waimea](#)

Chronic Absenteeism

General Information about Chronic Absenteeism

Chronic Absenteeism refers to a student that was marked absent at least 8.5% of the total days they have been enrolled in school. This differs from the traditional definition used for Strive HI reporting. For more information on how Chronic Absenteeism is calculated for Strive HI, please see the [Strive HI FAQs](#).

Chronic Absenteeism by school, gender, and ethnicity (Fed7 categories)

This file will include the chronic absenteeism rates for all active K-12 students in the specified school, gender, and [Fed7 ethnicity categories](#). The chronic absenteeism rate is calculated as the percentage of students in the specified subgroup who were marked absent at least 8.5% of the total days they have been enrolled in school. For example, if there are 20 students in the subgroup at 2 of these students have missed 8.5% or more of the total days the extract will show that 10% of the students in this subgroup are chronically absent. Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

A value of "Not Specified" means that the associated demographic field was not filled in or not available.

Suppression Rules:

- A value of "--" means that the count of students in this demographic category is less than 10
- A value of "<5%" means that the percentage of total course marks for this category is less than 5%
- A value of ">95%" means that the percentage of total course marks for this category is greater than 95%

Behavior Offenses

General Information about Behavior Offenses

Behavior Offenses are defined in the Hawaii Revised Statutes, [Chapter 19](#), outlining state laws related to student misconduct. Please refer to [Appendix A](#) for definitions of the different classes of offenses.

Normed Incident Counts for Class A, B, and C Offenses

This file will include normed incident counts for all active K-12 students in the specified school. Incident counts are aggregated by Class type (A, B, or C). Refer to Appendix A for definitions on the various classes of behavior offenses. Behavior Offense counts and days of suspension are calculated from the beginning of the specified school year to the pull date used in the extract. These counts have been normed; the value shown is the number of offenses per 1,000 students to allow for more appropriate comparisons across schools. For example, if there were 2,000 students at Aloha High School with a total of 30 Class B offenses, the dataset will show 15 Class B offenses per 1,000 students. The School Status and Improvement Report reports behavior offenses in a similar format.

Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

Suppression Rule: A value of "<10" means that the count of students in this demographic category is less than 10.

Course Marks

General Information about Grades/Course Marks

Grades, or Course Marks, are given to students based on their performance of the Department's academic standards. In this Open Data extract, only *final* course marks are provided. Final marks can be assigned for a particular quarter, semester, or year depending on the way courses are set up at each school. For example, some schools utilize block scheduling; year-long courses may be scheduled only in Semester 1 or Semester 2, with final marks at the end the semester and credit awarded accordingly.

Course Mark Codes

A	(4) Excellent	I	Incomplete
B	(3) Good	U	Unsatisfactory
C	(2) Satisfactory	S	Satisfactory
D	(1) Poor	N	No mark
F	(0) Failure	W	Withdrawal

*For Advanced Placement courses, students are awarded an additional GPA point for marks of A-D.

Core Subjects

English Language Arts
Mathematics
Science
Social Studies

More information is available on the HIDOE public portal:
- Hawaii Common Core Standards
- Graduation Requirements details for the Class of 2016 and beyond
- Preparing for College

Course Mark counts by school, gender, and core subject

This file will include course mark counts for all active K-12 students in the specified school and gender. Course mark counts are aggregated by core subject and letter grade assigned (e.g. count of A's assigned in Mathematics). The data shared includes all course marks assigned to those students *since the start of the corresponding school year*. It is important to note that these are counts of the marks, not students. It is possible, for example, for a single student to receive multiple marks if they have taken more than one course in the subject during the respective school year. Pre-K students, SPED overage students, graduated students, and students enrolled in District 61 schools (e.g. private preschools) are *not* included in this dataset or any other Open Data extracts.

Suppression Rule: A value of "<10" means that the count of students in this demographic category is less than 10.

Appendix A: Definitions

Absent	Student is not physically present in school or in a scheduled class for more than half of the school day or class period. Exception is if the student is on an authorized school activity. For reporting purposes, no distinction should be made between "excused" or "unexcused" absences.
Class A Behavior Offenses	(A) Assault; (B) Burglary; (C) Dangerous instrument, or substance; possession or use of; (D) Dangerous weapons; possession, or use of; (E) Drug paraphernalia; possession, use, or sale of; (F) Extortion; (G) Fighting; (H) Firearms; possession or use of; (I) Homicide; (J) Illicit drugs; possession, use, or sale of; (K) Intoxicating substances; possession, use, or sale of; (L) Property damage or vandalism; (M) Robbery; (N) Sexual offenses; (O) Terroristic threatening
Class B Behavior Offenses	(A) Bullying; (B) Cyberbullying; (C) Disorderly conduct; (D) False alarm; (E) Forgery; (F) Gambling; (G) Harassment; (H) Hazing; (I) Inappropriate or questionable uses, or both of internet materials or equipment, or both; (J) Theft; or§8-19-6 (K) Trespassing
Class C Behavior Offenses	(A) Abusive language; (B) Class cutting; (C) Insubordination; (D) Laser pen/laser pointer; possession or use of; (E) Leaving campus without consent; (F) Smoking or use of tobacco substances; or (G) Truancy
Chapter 19	Hawaii Administrative Rules; Title 8; Department of Education; Subtitle 2; Education; Part 1; Public Schools; Chapter 19 Student misconduct, discipline, school searches and seizures, reporting offenses, police interviews and arrests, and restitution for vandalism
Chronic Absenteeism (Open Data)	Any student is flagged as chronically absent if they have missed 8.5% or more of the total days they have been enrolled in school.
Chronic Absenteeism (Strive HI)	A full-school-year student (enrolled at one school from the Official Enrollment Count day through May 1st) is flagged as chronically absent if they have missed 15 or more school days.
Crisis Removed	The immediate exclusion of a student from school in an emergency because the student's conduct presents a clear immediate threat to the physical safety of self or others or is so extremely disruptive as to make the student's immediate removal necessary to preserve the right of other students to pursue an education free from undue disruption. (HAR § 8-19-7, HAR § 8-60-75(g)(2))
Fed7 Ethnicity Categories	• American Indian or Alaska Native • Asian • Black • Multiple • Pacific Islander • White

	• Hispanic	
Hawaii State Ethnicity Categories	• American Indian or Alaska Native • Asian two or more • Black • Chinese • Filipino • Native Hawaiian • Part-Hawaiian • Japanese • Korean • Portuguese • Hispanic (Ex. Spanish, Cuban, Mexican, Puerto Rican) • Samoan	• White • Multiple • Indo-Chinese (Cambodian, Vietnamese, Laotian) • Micronesian (Ex. Marshallese, Pohnpeian, Chuukese) • Tongan • Pacific Islander two or more • Guamanian/Chamorro • Other Asian • Other Pacific Islander • White two or more
No Show	Student has not reported to school and the reason is unknown, for the first day through the official enrollment count date.	